Model 1040 Standalone Enclosure User Manual

NOTICE!

This device contains static sensitive components. It should be handled only with proper Electrostatic Discharge (ESD) grounding procedures.

NOTE!

Cet équipement contient des composants sensibles aux décharges électro-statiques. Il doit absolument être manipulé en respectant les règles de mise à la terre afin de prévenir de telles décharges.

NOTICE

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EdgeAccess® Universal Chassis System
Model 1040
User Manual
Model Number 1040-UM
Product Number 6913100
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Model 1040 Standalone Enclosure User Manual

The Model 1040 standalone enclosure, shown in Figure 1, supports one 5U-sized managed module.

Figure 1. Model 1040 Standalone Enclosure

The front provides two switches, five LEDs, one connector, and a slot for a module. The back includes an AC power cord socket and the ALM IN and ALM OUT connectors.

Switch	Setting	Selects
F1/NRM/F2 for the module	F1	Function 1, such as Local loopback
	NRM	Normal operation; set this for most applications
	F2	Function 2, such as Remote loopback
HDX/FDX for 10BASE-T port	HDX	Half duplex
	FDX	Full duplex

Note: If the link partner is set to auto-negotiation, the link uses 10M and follows the HDX/FDX switch setting for this port; otherwise, set this switch to match the other switch on the link.

LED	State	Definition
PWR	Off	No power
	Green	Power is on
ALARM, MAJ and MIN	Off	Normal
MIN	Amber	Minor alarm
MAJ	Red	Major alarm
Tx for 10BASE-T port	Off	No transmission
	Green blinking	Transmission activity
LNK/Rx for 10BASE-T port	Off	No link
	Green	Link is established at full duplex
	Amber	Link is established at half duplex
	Blinking	Data is received

Note: To clear a latched Minor or Major alarm, push the ACK button.

Connector	Provides
ALM IN and ALM OUT, MIN and MAJ	Alarm status from another device (IN) and to another device (OUT)
10BASE-T	Half or full duplex Ethernet

Installing and Using the 1040 Enclosure

To use the 1040 enclosure, see Figure 1 and follow these steps:

1. Place it on a secure surface with room for air flow and within 7 ft. (2.134 m) of the AC power source.
2. Insert a module in the guide rails and press it firmly into the backplane, then secure the thumbscrews finger-tight.
3. At ALM OUT, on the rear panel, connect devices to receive alarm information; see Figure 2.
   - NO The contacts are open for normal operation and closed in a fault condition
   - COM The electrical common
   - NC The contacts are closed for normal operation and open in a fault condition
4. At ALM IN, on the rear panel, connect devices to supply alarm information; see Figure 2. Connect cabling from the + output on the device to IN+ on the 1040 and from the - output to IN- on the 1040; the internal alarm sense circuit is optically protected. Connect an optional Frame or Chassis Ground to FGND.

Figure 2. Model 1040 Alarm Connectors

5. Plug the power cord into the rear of the 1040 enclosure, then plug it into the AC power source; this turns on the power. To turn off the power, unplug the power cord.
6. To set any switches on the module, install the module in the 1040 enclosure, connect all cables, and access the module, see the User Manual for the module.

Specifications

Dimensions:	11.70"L x 12.0"W x 1.718"H (297 mm x 305 mm x 44 mm)
Weight:	5.6 lbs (2.5 kg)
Power:	115 to 230 VAC; 50 to 60 Hz autoranging, 14 W maximum
Operating Environment:	0° to +50°C, Up to 90% humidity (Non-condensing)

Regulatory Compliance

- ETL, cETL (UL 60950 CAN/CSA C22.2 No. 60950, EN/IEC 60950) EN 60825-1, -2
- FCC Part 15B/IC-003/VCCI Class A, C-Tick (AS/NZS 3548)
- EN 55022 Class A, EN 61000-3-2, EN 61000-3-3
- EN 55024
- CE Mark

Limited Lifetime Warranty

Effective July 1, 2005 and After, Canoga Perkins warrants that, at the time of sale, and, for its lifetime, with certain exceptions noted below, every Canoga Perkins' labeled product purchased will be free from defects in material and workmanship for its lifetime, if properly installed and used in conformity to Canoga Perkins' published specifications. This warranty covers the original user only and is not transferable. For the purposes of this Warranty, "lifetime" is defined as the serviceable life of the product (a minimum of 5 years) or any longer period during which replacement spare parts are available. Subject to the conditions and limitations set forth below, Canoga Perkins will, at its option, either repair or replace any part of its product(s) that prove defective by reason of improper workmanship or materials. The warranty period for power supplies, fans and optics is five (5) years. Consumables such as filters are covered for one year. Software is warranted for 90 days. Hardened Media Converter (HS) products are covered for three (3) years.

This warranty does not cover any damage to products that have been subjected to lightning or other Acts of Nature, misuse, neglect, accident, damage, improper installation, or maintenance, including over-voltage failures caused by use outside of the product's specified rating, normal wear and tear of mechanical components, or alteration or repair by anyone other than Canoga Perkins or its authorized representative. If the user is unsure about the proper means of installing or using the equipment, contact Canoga Perkins' free technical support services. Customer must notify Canoga Perkins promptly in writing of any claim based on warranty. Canoga Perkins is not liable for, and does not cover under warranty, any costs associated with servicing and/or the installation of its products or for any inspection, packing or labor costs in connection with return of goods. In the event Canoga Perkins breaches its obligation of warranty, customer's sole and exclusive remedy is limited to replacement, repair, or credit of the purchase price, at Canoga Perkins' option. Under no circumstance will Canoga Perkins be liable for consequential or incidental damages or loss of profits.

Warranty Registration

To establish original ownership and to record purchase date, please complete the warranty on-line form on our product registration page. URL: www.canoga.com/warranty

Optional Service Programs

Canoga Perkins offers several optional Service Programs. Please call Canoga Perkins Sales Department (818-718-6300) or see our web site (www.canoga.com) for details.

CUSTOMER SERVICE DEPARTMENT REPAIR WARRANTY

Repairs performed by the Canoga Perkins Customer Service Department will be free from defects in material and workmanship for a period of ninety (90) DAYS from the date the repaired product is shipped, or until the expiration of the original factory warranty, whichever is longer.

Limitations

Canoga Perkins may at its sole discretion modify its Limited Warranty at any time and from time to time.

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Return Policy

Customer must obtain an RMA (Return Material Authorization) number from the Canoga Perkins Customer Service Department before returning a product for service or repair.

Canoga Perkins' technical support department can be reached through any of the following means:

Telephone: 818-718-6300
Fax: 818-718-6312
E-Mail: fiber@canoga.com

If the warranty for a power supply, fan, optics, consumable or software has expired, customer must provide the Canoga Perkins Customer Service Representative with a Purchase Order to authorize the repair.

Send the defective product postage and insurance prepaid to the address provided to you by Canoga Perkins' technical support representative. Failure to properly protect the product during shipping may void this warranty. The return authorization number must be written on the outside of the carton to ensure its acceptance.

The customer must pay for the non-compliant product(s) return transportation costs to Canoga Perkins for evaluation of said product(s) for repair or replacement. Canoga Perkins will pay for the shipping of the repaired or replaced in-warranty product(s) back to the customer (any and all customs charges, tariffs, or/and taxes are the customer's responsibility).

Canoga Perkins reserves the right to charge for all testing and shipping incurred, if after testing, a return is classified as "No Problem Found."